

Title (en)
JOINT PROSTHESIS SYSTEM

Title (de)
GELENKPROTHESEN-SYSTEM

Title (fr)
SYSTÈME DE PROTHÈSE D'ARTICULATION

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Application
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Abstract (en)
[origin: WO2011012115A1] The invention relates to a joint prosthesis system, comprising a metal shaft (1), which is implanted in the femur, a throat (2) having an outer cone (3), a joint ball (5) made of ceramic and having an accommodation (6) for the throat (2), said accommodation comprising an inner cone (7), and a sheath-shaped adapter (4), which is arranged between the shaft (1) and the joint ball (5) in a clamping manner. Due to an exceptional elasticity and a special shaping of an inner and an outer wall section (9, 12) of the adapter (4), the application of force to a narrow surface region (11) on the metal outer cone (3) and the application of the force into the ceramic inner cone (7) is extensively concentrated on a load-bearing region (B) opposite the narrow surface region (11) within the largest mass expansion of the ceramic joint ball (5).

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